

ENTERPRISE SYSTEMS ENGINEERING



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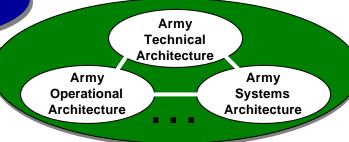
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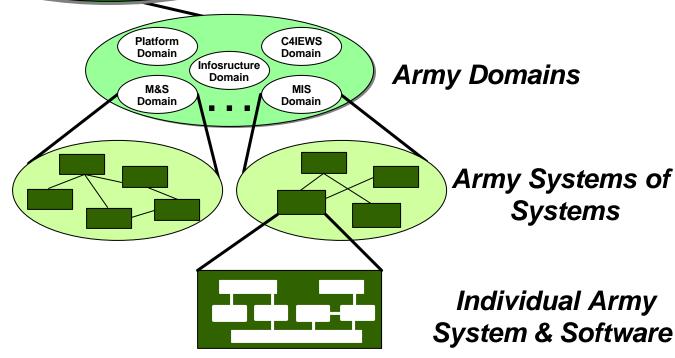
ARMY ENTERPRISE CONTEXT



Joint/DoD Architectures



Army Enterprise





TODAY



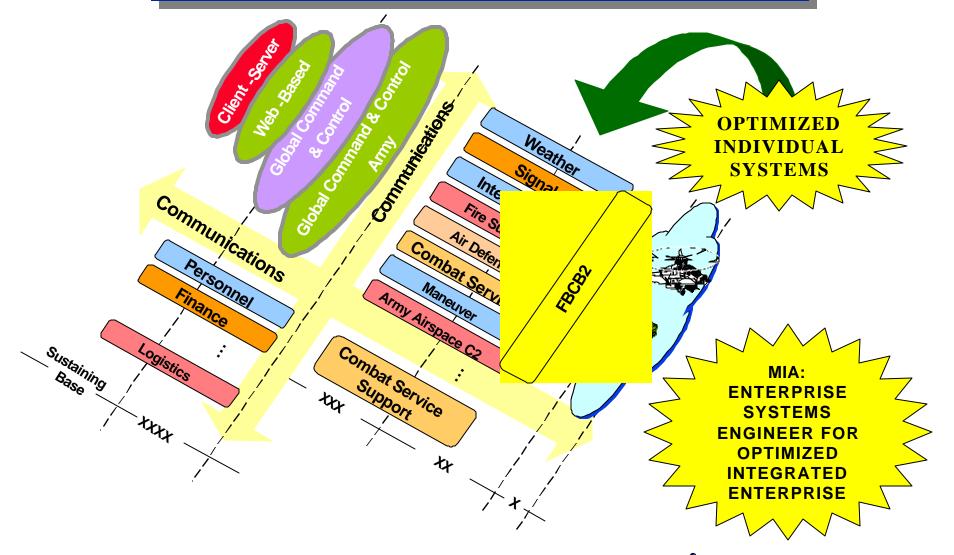
CHALLENGES:

- □ INTEGRATING PLAN (for migration & convergence)
- ☐ UP-FRONT ENGINEERING (for enterprise integration)
- MIGRATION/TRANSITION OF TECHNOLOGY (optimally)
- **□** UNIFIED REQUIREMENT
- ☐ FUNDING FOR HORIZONTAL INTEGRATION
- **□** SYNCHRONIZATION
- □ COMPLIANCE (with standards)



ARMY ENTERPRISE SYSTEMS ENGINEERING Ensures Integrated Enterprise

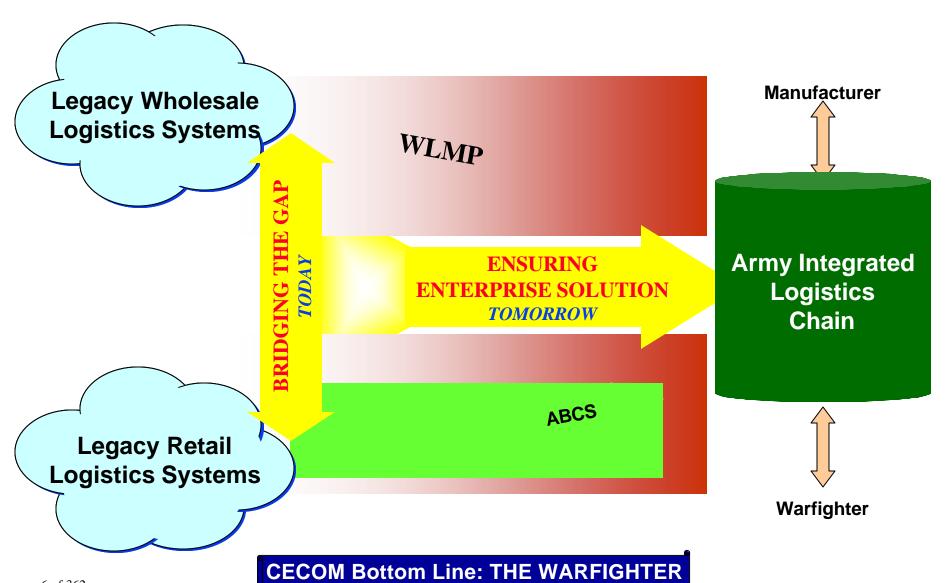






EXAMPLE - LOGISTICS CHALLENGE



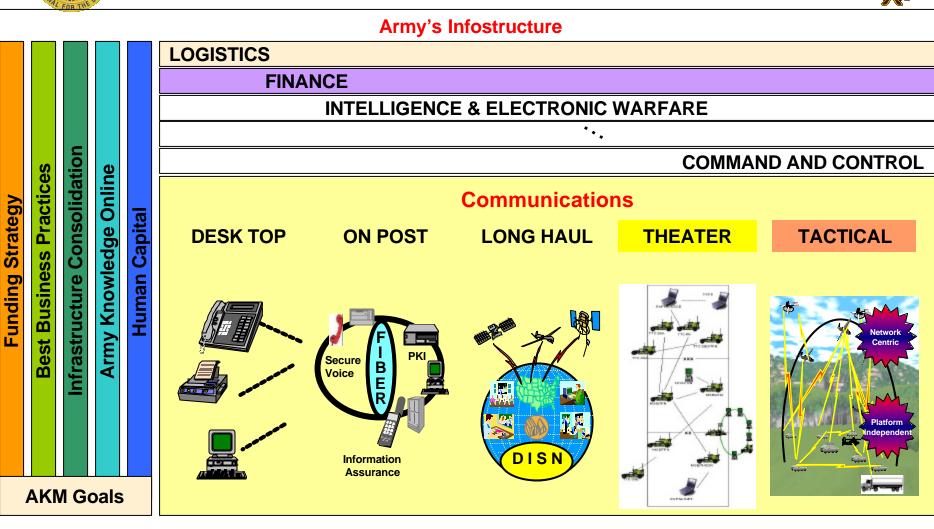




EXAMPLE - AKM CHALLENGE



DEVELOP



ADAPT

ADOPT



FUTURE DESIRED STATE



- SEAMLESS VERTICAL & HORIZONTAL C4ISR SYSTEMS INTEGRATION ACROSS THE SPECTRUM OF OPERATIONS TO MEET THE NEEDS OF THE OBJECTIVE FORCE
 - ☐ FROM THE BATTLESPACE TO THE SUSTAINING BASE (Tactical, Strategic, Installation)
 - ☐ TODAY AND INTO THE FUTURE (Legacy, Interim, Objective)
 - ☐ SPANNING FUNCTIONAL DOMAINS
 (Fire Support, Intel, Combat Service Support,)



FUTURE DESIRED STATE







WHERE WE ARE HEADED



- EXPAND ON-GOING ARMY ENTERPRISE SYSTEM ENGINEERING ACTIVITIES
 - □ DEVELOP & OVERSEE OVERARCHING ARMY ENTERPRISE SYSTEM ENGINEERING MASTER PLAN
 - ARMY-WIDE ENTERPRISE ARCHITECTURE SUPPORT
 - RISK MITIGATION THROUGH ARMY-WIDE ENTERPRISE PILOTS
 - TECHNOLOGY INSERTION FACILITATION
 - ☐ RESOLVE CROSS-CUTTING TECHNICAL ISSUES, IDENTIFY OPPORTUNITIES,
 MAKE RECOMMENDATIONS
 - □ PROVIDE TECHNICAL CONSULT/EXPERTISE
 - □ ASSIST & VALIDATE COMPLIANCE WITH ENTERPRISE SYSTEM ENGINEERING MASTER PLAN



FULLY ENGAGED ACROSS SPECTRA OF ACTIVITIES

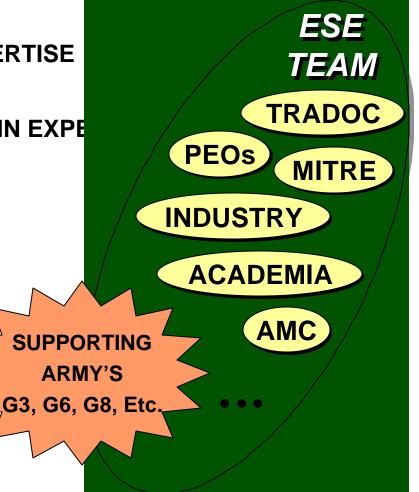


" SYSTEMS ENGINEERING EXPERTISE (ASEO, JTA, Tools, ...)

BROAD RANGE OF C4ISR DOMAIN EXPE (C2, Comm, IEW, FS, AV, MIS, ...)

" TECHNOLOGY EXPERTISE

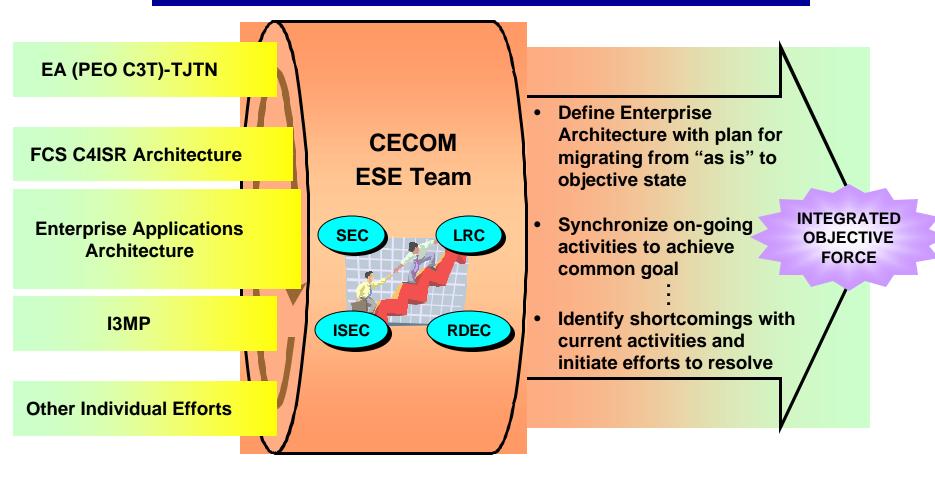
FULL LIFE-CYCLE INVOLVEMENT (R&D, Post Development/Deployment)





WHAT WE ARE DOING







WHAT ARE WE DOING



- Executive Agent (PEO C3T) Theater Joint Tactical Network
 - ☐ Ensure Interoperability and synchronization among Service and Agency programs acquiring network components
- FCS C4ISR Architecture
 - ☐ Developed architectural tenets to support Network Centric Warfare
- ENTERPRISE APPLICATIONS ARCHITECTURE
 - ☐ Define framework for developing applications compliant with Enterprise Architecture
- Installation Information Infrastructure Modernization Program (I3MP)
 - ☐ Upgrade the information infrastructure to provide digital connectivity across installations, active support activities and deployed Forces.



HOW INDUSTRY CAN HELP



THINK ENTERPRISE SOLUTIONS

PROVIDE FEEDBACK. IT IS CRITICAL.

MORE TO COME











